

Docket 03280088AA  
Serial No.: 10/658,712RECEIVED  
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Takahiro Yamada et al.

Serial No. 10/658,712

Group Art Unit: 2861

Filed: September 10, 2003

Examiner: Hsiehm Shih Wen

For: CLEANING DEVICE FOR  
CLEANING INKJET HEAD

Confirmation No.: 3169

Box: Non-Fee Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

## SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

In response to the Office Action mailed March 23, 2005, please amend the above-identified patent application as follows:

**Amendments to the Claims:** Amendments to the claims are indicated by the notation "currently amended" in the listing of claims beginning on page 2 of this paper.

**Remarks:** The "REMARKS" section begins on page 7 of this paper.

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Docket 03280088AA  
Serial No.: 10/658,712

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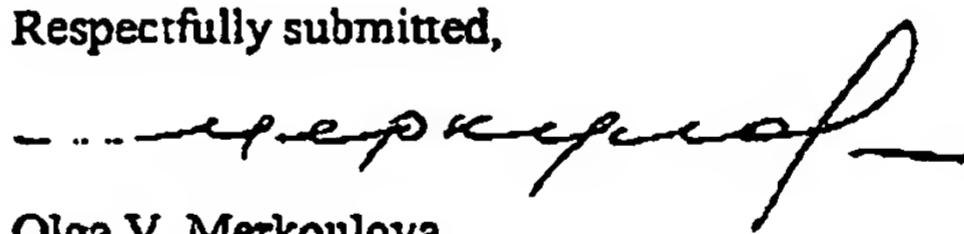
page 4 to 11, page 23 of the specification. Therefore, the Applicant respectfully submits that the different level member is not always necessary to create a spiraling current that performs both of purging the nozzle and wiping around the nozzle. For example, when the suction hole member is slanted with respect to the orifice surface such as shown in Figure 8, a gap that air flows into is created. The spiraling current is created due to the gap. As such, the different level member is not essential in creating the spiral current.

In order to emphasize this fact the new claims 23 and 24 have been added by the present amendment. In view of the foregoing, it is respectfully requested that the application be reconsidered, that claims 1 to 24 be allowed, and that the application be passed to issue.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

A provisional petition is hereby made for any extension of time necessary for the continued pendency during the life of this application. Please charge any fees for such provisional petition and any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041 (Whitham, Curtis & Christofferson, P.C.).

Respectfully submitted,

  
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## PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number

10/658712

## APPLICATION AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

| FOR   | NUMBER FILED  | NUMBER EXTRA | RATE (\$) | FEES (\$) | RATE (\$) | FEES (\$) |
|---|---|--------------|-----------|-----------|-----------|-----------|
| BASIC FEE<br>(37 CFR 1.16(a), (b), or (c))        |   |              |           |           |           |           |
| SEARCH FEE<br>(37 CFR 1.16(k), (l), or (m))       |   |              |           |           |           |           |
| EXAMINATION FEE<br>(37 CFR 1.16(o), (p), or (q))  |   |              |           |           |           |           |
| TOTAL CLAIMS<br>(37 CFR 1.16(l))                  | minus 20 =  |              | X =       |           | X =       |           |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h))            | minus 3 =   |              | X =       |           | X =       |           |
| APPLICATION SIZE<br>FEE<br>(37 CFR 1.16(l))       | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |              |           |           |           |           |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(l)) |   |              |           |           |           |           |

\* If the difference in column 1 is less than zero, enter "0" in column 2.

TOTAL

TOTAL

## APPLICATION AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

| AMENDMENT A | 11/10/00  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA | RATE (\$) | ADDI-<br>TIONAL<br>FEE (\$) | RATE (\$) | ADDI-<br>TIONAL<br>FEE (\$) |
|-------------|---|---|-------|---|------------------|-----------|-----------------------------|-----------|-----------------------------|
|             | Total<br>(37 CFR 1.16(l))                                       | 24  | Minus | 22  | = 2              | x 25 =    |                             | x 50 =    | 100.00                      |
|             | Independent<br>(37 CFR 1.16(h))                                 | 3   | Minus | 3   | = 0              | x 100 =   |                             | x 200 =   |                             |
|             | Application Size Fee (37 CFR 1.16(s))                           |   |       |   |                  |           |                             |           |                             |
|             | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(l)) |   |       |   |                  |           |                             |           |                             |

TOTAL ADD'L FEE

| AMENDMENT B |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA | RATE (\$) | ADDI-<br>TIONAL<br>FEE (\$) | RATE (\$) | ADDI-<br>TIONAL<br>FEE (\$) |
|-------------|---|---|-------|---|------------------|-----------|-----------------------------|-----------|-----------------------------|
|             | Total<br>(37 CFR 1.16(l))                                       |   | Minus | ..  | =                | x =       |                             | x =       |                             |
|             | Independent<br>(37 CFR 1.16(h))                                 |   | Minus | ..  | =                | x =       |                             | x =       |                             |
|             | Application Size Fee (37 CFR 1.16(s))                           |   |       |   |                  |           |                             |           |                             |
|             | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(l)) |   |       |   |                  |           |                             |           |                             |

TOTAL ADD'L FEE

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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